Dated 8th December 1953.

To

The Firms dealing in Electric Motors.

Enquiry No. 11997.

Subject:—Spare coils for 1,000 H.P. dual frequency motor installed at C.R.S.

Gentlemen,

No. S.P.C. 43570-600. Please be good enough to intimate your best prices and the earliest time of delivery for the materials described in the undermentioned schedule, in the form printed below.

It should be distinctly understood that the acceptance by us of your quotation will be subject to the following conditions:—

Withdrawal from the quotation after it is accepted or failure to make the supply within the specified time or according to specifications will entail cancellations of the order and purchases being made at your expense from other sources in addition to the levy of a penalty of 3 per cent of the value of the order as and by way of liquidated damages. In such an event, the Stores Purchase Committee reserve the right to remove your name from the list of approved firms.

The quotations should be superscribed "Quotations for Spare coils for 1,000 H.P. dual frequency motor installed at C.R.S." with the above enquiry number.

This enquiry will be closed on the 31st December 1953.

SCHEDULE.

F.O.R., Bangalore.

"Mather and Platt" Drip Proof, Fan Ventilated type double squirrel Cage High starting torque induction motor capable of developing continuously an output of 1,000 b.h.p. ambient air temperature, when running at full load and a speed corresponding to a synchronous speed of 1,500 r.p.m. approximately 1,475 r.p.m.

The motor is to be designed to operate off a 2,300 volts, 3 phase 25 cycles supply, or by alterations to connections of the stator windings off a 2,300 volts 3 phase 50 cycles supply, utilising terminals and links which will be provided for this purpose.

The motor will be arranged in such a manner that the ventilating air will be drawn in axially by means of a fan at either end of the machine and expelled through a short trunk at the top of the cast steel stator frame. End guards would be fitted to the stator frame to give proper protection to the windings.

The shaft of the machine would be carried in two white metal lined ring oil bearings.

The frame of the motor is to be of cast steel.

The insulation of the stator windings to consist of moulded micanite, while the insulation of the curved end portions of the windings would consist of varnished cambric.

The windings would be heavily impregnated to meet the most ardous work conditions in India and would be secured in the stator slots by means of carefully designed wedges.

The performance figures of the motor shall be as follows:—

Load.—	Full	¾	½	¼
On 25 cycles—				
Efficiency ...	94 per cent	93·5 per cent	92 per cent	86 per cent
Power factor	·93	·915	·87	·72
On 50 cycles—				
Efficiency ...	94 per cent	93·5 per cent	92 per cent	86 per cent
Power factor	·91	·89	·84	·68

These figures are such as we expect to obtain on test at our works, the efficiencies to be determined by the summation of Measurable Losses Method, and the efficiencies and power factors guaranteed subject to a tolerance of 2 per cent.

Temparature Rises.—

The motor will, as regards rating and temperature rise, be designed strictly to comply with the requirements of B.S.S. 168/36, except that the temperature rise of the stator windings determined on test at our Works by measurement of resistance method at maximum pump load conditions would not exceed 40°C.

The rotor windings are not insulated and the temperature rise is, therefore, not strictly limited. It will be such that there is no risk of injury to any insulating material on any adjustment parts of the machine.

Class B Insulated stator coils complete with slot insulation and Wedges for the 1,000 H.P. Dual frequency motor working at C.R.S. Water Works, Thippagondanahalli.

D.L. 17-1,000 H.P. Dual frequency Motor No. 127129-1500—1480 R.P.M.

2,300 volts, 25/50 cycles, 3 phase. One set of 72 coils.

N.B.—1. The quotations with firm prices will be preferred.
2. Sales-tax, if any, should be quoted separately.
3. The quotations will be opened at 2 P.M. on the next working day after the closing date.

6652b

Dated 17th December 1953.

To

The firms dealing in Electrical Materials.

Enquiry No. 11749—E.D. 1227.

Re: Distribution Transformers for the Normal Works of the Electrical Department.

Gentlemen,

No. S.P.C. 45156-95. With reference to the above, and in continuation of this Office Circular No. 42273-802, dated 26th November 1953, I write to state that the closing date of the enquiry has been extended from 20th December 1953 to 4th January 1954.

Applications for further extension of the due date will not be considered under any circumstances.

Please note that import license, if any, required for importing the material noted above should be procured by yourselves, and the Stores Purchase Committee will not take any responsibility in this behalf.

6672

Dated 4th December 1953.

NOTICE.

Enquiry No. 11754.

No. S.P.C. 43511—50. Sealed tenders will be received by the Secretary, Stores Purchase Committee, for the supply of P.I.L.C. and V.C.I.L.C. cables of different sizes required for the Mysore Government Electrical Department, up to end of 11th January 1954.

Intending tenderers may, on application to the Secretary, Stores Purchase Committee, obtain the requisite tender forms on which tenders should be submitted. Applications should be accompanied by a cash remittance of Rs. 30 which is the price fixed for a set of forms and which is not refundable.

Cheques and Postable stamps will not be accepted towards the cost of forms nor will the forms be sent by V.P.P.

6648

Dated 10th December 1953.

To

The Firms dealing in Stop Watches.

Enquiry No. 12004.

Subject.—Stop Watches for use in the Police Department.

Dear Sir/Gentlemen,

No. S.P.C. 45061-75. Please be good enough to intimate your best prices and the earliest time of delivery for the materials described in the undermentioned schedule in the form printed below.

It should be distinctly understood that the acceptance by us of your quotation will be subject to the following conditions:—

Withdrawal from the quotation after it is accepted or failure to make the supply within the specified time or according to specifications will entail cancellations of the order and purchases being made at your expense from other sources in addition to the levy of a penalty of 3 per cent of the value of the order as and by way of liquidated damages. In such an event, the Stores Purchase Committee reserve the right to remove your name from the list of approved firms.

The quotations should be superscribed "Quotations for Stop Watches for use in the Police Department" with the above enquiry number.

This enquiry will be closed on the 6th January 1954.

SCHEDULE.

Item No.	Description of materials offered	Quantity	Price Quoted F.O.R.	Time of delivery.
1.	Stop Watches for use in the Police Offices of the Mysore Police Department.	5	Bangalore K.G.F. and Mandya.	...

N.B.—1. Quotations with firm prices will be preferred.
2. Sales-Tax if any, should be quoted separately.
3. Quotations will be opened at 2-00 P.M. on the next working day after the closing date.

6650